

Special



*Image for illustrative purpose only*

## Summary

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BKT series

Number of contacts Low Voltage	24
Wire Size/AWG	30 - 22
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Size	3K
Suggested matching part	<a href="#">EBG.3K.324.KLL</a> <a href="#">PHG.3K.324.KLLB11Z</a>
Alternative part	<a href="#">FGG.3K.324.KLAC11Z</a>
Series	K - Outdoor keyed

[https://www.lemo.com/int\\_en/catalog/product/view/id/461718/s/fgg-3k-324-klab11z/category/26/](https://www.lemo.com/int_en/catalog/product/view/id/461718/s/fgg-3k-324-klab11z/category/26/)

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# Technical details

## Electrical Configuration

Number of contacts Low Voltage	24
Contact Termination Low voltage	Solder
R (max)	6.1 mOhm
Insert configuration value	3K.324 - 24 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	4 A
Vtest (contact-contact)	1.4 kV (DC)
Vtest (contact-shell)	1.1 kV (DC)
Max. Conductor	0.34 mm <sup>2</sup> (AWG 22)
Max. Stranded Conductor	0.34 mm <sup>2</sup> (AWG 22)
Bucket Dia.	0.8 mm (0.031in)
Contact Dia.	0.7 mm (0.028in)
Wire Size/AWG	30 - 22
Gender	Standard

## Form & Material

Shell style / Model id	FG - Straight plug, cable collet and nut for fitting a bend relief
Plug	Straight
Housing material	Brass (black chrome) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Locking system	Push-pull
Keying	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Black
Variant	Nut for fitting a bend relief
Weight	112.36 g

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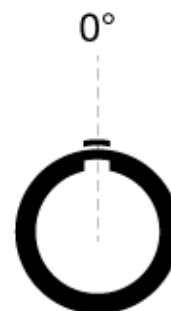
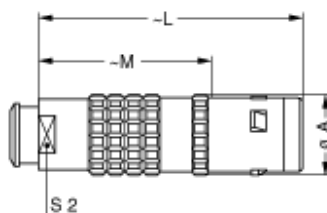
## Environment

Technical domain	Audio Video, Energy and Industrial, Medical, Test and Measurement
Environmental sealing (IP rating)	IP68
Endurance	5000 mating cycles
Temperature range	-55°C / +200°C (max. temperature valid for short periods of use.)
Climatic Category	50/175/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Shielding (min)	95 dB (10 MHz)
Shielding (min)	80 dB (1 GHz)
Shock Resistance	100 g [ 6 ms]
Vibration	15 g [10 Hz - 2000 Hz]
Salt Spray Corrosion	>1000 hr

## Cable fixation

Cable termination protection	For cable bend relief
Fixation type	Cable collet

## Drawings



## Dimensions

	M	L	A	S2
mm.	40	60	19	15
in.	1.57	2.36	0.75	0.59

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# Recommended By Lemo

Accessories	
Compatible cap	<a href="#">BFG.3K.100.KAS</a>